



GANDHI SCHOOL OF ENGINEERING

BHABANDHA, BERHAMPUR

BRANCH- CIVIL ENGINEERING

SEMESTER- 5TH

SUBJECT- Th5. ESTIMATION & COST EVALUATION - II


NAME OF THE FACULTY-ER.ROJALI PATRA & Er. ROJALIN MISHRA

		Topic to be taken			Actual topic taken			
Sl. No	Topic/Module	No. of period	Details of the topics	Date	Topic No.	Topic Name	Date	Remarks
1	Detailed estimate of culverts and bridges	12	1.1 Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule. 1.2 RCC Hume pipe culvert with splayed angled wing wall	15.09.2022 12.10.2022	1.1 1.2	Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule. RCC Hume pipe culvert with splayed angled wing wall	15.09.2022 16.09.2022 19.09.2022 21.09.2022 22.09.2022 23.09.2022 26.09.2022 28.09.2022 29.09.2022 30.09.2022 12.10.2022	

2	Estimate of irrigation structures	14	<p>2.1 Detailed estimate of simple type of vertical fall to given specification</p> <p>2.2 Detailed estimate of drainage siphon to given specification.</p>	<p>13.10.2022</p> <p>31.10.2022</p>	<p>2.1</p> <p>2.2</p>	<p>Detailed estimate of simple type of vertical fall to given specification</p> <p>Detailed estimate of drainage siphon to given specification.</p>	<p>15.10.2022</p> <p>17.10.2022</p> <p>19.10.2022</p> <p>20.10.2022</p> <p>21.10.2022</p> <p>22.10.2022</p> <p>26.10.2022</p> <p>27.10.2022</p> <p>28.10.2022</p> <p>02.11.2022</p> <p>03.11.2022</p> <p>04.11.2022</p> <p>05.11.2022</p>	
3	Detailed estimate of roads	12	<p>3.1 Detail estimate of a water bound macadam road</p> <p>3.2 Detailed estimate of a flexible pavement in cutting / filling</p> <p>3.3 Detailed estimate of septic tank and soak pit for 50 users</p>	<p>02.11.2022</p> <p>18.11.2022</p>	<p>3.1</p> <p>3.2</p> <p>3.3</p>	<p>Detail estimate of a water bound macadam road</p> <p>Detailed estimate of a flexible pavement in cutting / filling</p> <p>Detailed estimate of septic tank and soak pit for 50 users</p>	<p>09.11.2022</p> <p>11.11.2022</p> <p>12.11.2022</p> <p>14.11.2022</p> <p>17.11.2022</p> <p>18.11.2022</p> <p>19.11.2022</p> <p>21.11.2022</p> <p>23.11.2022</p> <p>25.11.2022</p>	

4	Detailed estimates of miscellaneous works	12	4.1 Tube well, Piles and Pile cap, Isolated and combined footings.	19.11.2022 07.12.2022	4.1	Tube well, Piles and Pile cap, Isolated and combined footings.	30.11.2022 02.12.2022 03.12.2022 06.12.2022 07.12.2022 08.12.2022 09.12.2022 10.12.2022	
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5	PWD accounts works	10	5.1 Works	08.12.2022 22.12.2022	5.1 Works	
			5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair.		5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair.	
			5.1.2 Concept of Method of execution of works through the contractors and department, contract and agreement.		5.1.2 Concept of Method of execution of works through the contractors and department, contract and agreement.	13.12.2022
			5.2 Accounts of works –		5.2 Accounts of works –	
			5.2.1 Explanation of various terms Administrative approval, technical sanction.		5.2.1 Explanation of various terms Administrative approval, technical sanction.	15.12.2022
			5.2.2 Measurement book use & maintenance.		5.2.2 Measurement book use & maintenance.	16.12.2022
			5.2.3 Muster roll : Its preparation & use for making payment of pay & wages.		5.2.3 Muster roll : Its preparation & use for making payment of pay & wages.	17.12.2022
			5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages.		5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages.	20.12.2022
			5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission.		5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission.	02.01.2023
			5.2.6 Classification of stores, receipt / issue statement.		5.2.6 Classification of stores, receipt / issue statement.	03.01.2023
			5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.		5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.	04.01.2023


 Signature and Stamp of HOD:
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